

Appl. No. 10/719,719
Response dated 03/14/2008
Reply to Office Action of 01/10/2008

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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims:

1. (Currently amended) An emergency ingress/egress monitoring system for a facility comprising:
 - a. at least one first card reader means, said first card reader means being in communication with a base computer, said base computer being capable of storing and transmitting ingress and egress data received from said at least one first card reader means;
 - b. a plurality of second card reader means, said plurality of second card reader means being located at emergency assembly areas outside of the facility served by said emergency ingress/egress monitoring system and further being capable of wireless communication with a portable computer;
 - c. said portable computer being located at a remote secure position outside of said facility served by said emergency ingress/egress monitoring system and further being in communication with said base computer, and said portable computer further being capable of processing, visually displaying, and generating printed displays of census data transmitted from said base computer, wherein individuals entering the facility register their ingress by passing a personal identification card through the at least one first card reader means and wherein, under normal conditions, such individuals upon exiting the facility register their egress by passing their personal identification card through the at least one first card reader means and wherein, under emergency conditions,

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such individuals upon exiting the facility may register their egress by passing their personal identification cards through one of the plurality of second card reader means, wherein communication between said base computer and said portable computer and processing of ingress data and egress data received by said first card reader means and by said plurality of second card reader means allows the evacuation status of a the facility to be accurately determined in real time.

2. (Currently amended) The system of claim 1 wherein said portable computer is adapted to communicate with telephone transmitters and to respond to information received via said telephone transmitters, such that individuals exiting the facility may register their egress by calling a predetermined emergency phone number.
3. (Original) The system of claim 1 wherein the facility is an office building.
4. (Original) The system of claim 1 wherein the facility is an educational facility.
5. (Original) The system of claim 1 wherein the facility is a health care facility.
6. (Original) The system of claim 1 wherein the facility is a residential care facility.

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7. (Original) The system of claim 1 wherein the facility comprises at least one vehicle.

8. (Original) The system of claim 1 wherein the facility is a ship.

9. (Original) The system of claim 1 wherein said portable computer is capable of generating printed images of schematic diagrams of the facility.

10. (Original) The system of claim 1 wherein said at least one first card reader means, said base computer, said portable computer, and said plurality of second card reader means each has an independent power supply element each of which said independent power supply elements is automatically activated under emergency conditions, including any power failure.

11. (Currently amended) The system of claim 10 wherein said independent power supply element associated with said portable computer and with said plurality of second card reader means each have solar power panels to recharge said independent power ~~units~~ supply elements and said independent power ~~units~~ supply elements for said base computer and said at least one first card reader means are charged by drip charge devices.

12. (Original) The system of claim 10 wherein said at least one first card reader means communicates directly by wireless means with said portable computer.

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13. (Previously presented) A system to monitor facility ingress/egress

comprising:

- a. a plurality of card reader means capable of communicating ingress/egress data to a computer;
- b. said computer unit capable of processing and storing sequential ingress and egress data so as to produce a record of census data of occupants of a facility at any time, and further wherein said computer is a portable computer;
- c. a means to warn attendants when egress census data do not agree with prior ingress data and to identify the missing individuals.

14. (New) An emergency ingress/egress monitoring system for a facility comprising:

- a. at least one first personal recognition means, said first personal recognition means being in communication with a base computer, said base computer being capable of storing and transmitting ingress and egress data received from said at least one first personal recognition means;
- b. a plurality of second personal recognition means, said plurality of second personal recognition means being located at emergency assembly areas outside of the facility and further being capable of wireless communication with a portable computer;
- c. said portable computer being located at a remote secure position outside of said facility and further being in communication with said base computer, and

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said portable computer further being capable of processing, visually displaying, and generating printed displays of census data transmitted from said base computer, wherein individuals entering the facility register their ingress at the at least one first personal recognition means and wherein, under normal conditions, such individuals upon exiting the facility register their egress at the at least one first card reader means and wherein, under emergency conditions, such individuals upon exiting the facility may register their egress at one of the plurality of second personal recognition means, wherein communication between said base computer and said portable computer and processing of ingress data and egress data received by said first personal recognition means and by said plurality of second personal recognition means allows the evacuation status of the facility to be accurately determined in real time.

15. (New) The system of claim 14 wherein the at least one first personal recognition means and the plurality of second personal recognition means comprise optical scanners.

16. (New) The system of claim 14 wherein the at least one first personal recognition means and the plurality of second personal recognition means comprise voice recognition means.

17. (New) The system of claim 14 wherein the at least one first personal recognition means and the plurality of second personal recognition means comprise thumb print recognition means.